

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrew D. ROBERTS et al.

Title: SYNTHESIS OF 17F LABELED
FLUOROALKANES

Prior Appl. No.: 09/845,639

Appl. No. Unassigned

Filing Date: Submitted Herewith

Examiner: Unknown

Art Unit: Unknown

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Applicants submit herewith on Form PTO-1449 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/845,639, filed April 30, 2001. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350.

Respectfully submitted,

Date June 23, 2003

By 

FOLEY & LARDNER
Customer Number: 23524



23524

PATENT TRADEMARK OFFICE

Telephone: (608) 258-4281

Facsimile: (608) 258-4258

Bernard P. Friedrichsen
Attorney for Applicant
Registration No. 44,689

Sheets: 2							
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: June 23, 2001				ATTY DOCKET NO. 032026-0731		SERIAL NO. unassigned	
				APPLICANTS Andrew D. Roberts, et al.			
				FILING DATE June 23, 2003		GROUP unassigned	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,523,040	June 11, 1985	Olah			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
			Dabbs, Kevin A., Individual National Research Service Award Application, signed November 12, 1999.				
			Eichling, John O., et al., "Evidence of the Limitations of Water as a Freely Diffusible Tracer in Brain of the Rhesus Monkey," 35, Circ. Res., 358-364 (1974); Lippincott, Williams & Wilkins, Baltimore.				
			Gatley, S. J., et al., "18F-labeled Lower Fluoroalkanes; Reactor-produced Gaseous Physiological Tracers," 32, Int. J. Appl. Radiat. Isot., 211-214 (1981); Elsevier, New York.				
			Gatley, S. J., et al., "An Improved Synthesis of the Inert, Diffusible Blood-flow Tracer, [18F] Fluoromethane," 42, Appl. Radiat. Isot., 1049-1053 (1991); Elsevier, New York.				
			Herscovitch, P., et al., "Positron Emission Tomographic Measurement of Cerebral Blood Flow and Permeability - Surface Area Product of Water Using [15O]Water and [11C]Butanol," 7, J. Cereb. Blood Flow Metab., 527-542 (1987); Raven Press, Ltd., New York.				
			Martin, C. C., et al., "Effect of Partition Coefficient, Permeability Surface Product, and Radioisotope on the Signal-to-Noise Ratio in PET Functional Brain Mapping: A Computer Simulation," 7, Human Brain Mapping, 151-160 (1999); John Wiley, New York.				
			Mulholland, G. K., et al., "Posterboard 899," 28, J. Nuc. Med., 1082 (1987); Soc. of Nuc. Med., Reston, VA.				
			Renkin, E. M., "Transport of potassium-42 from blood to tissue in isolated mammalian skeletal muscles," 197, Am J. Physiol., 1205-1210 (1959); Am. Physiol. Soc., Bethesda, MD.				

			Roberts, A. D., et al., "Production of ^{17}F , ^{15}O and Other Radioisotopes for PET using a 3 MV Electrostatic Tandem Accelerator," 475, Applications of Accelerators in Res. and Indus., 1006-1009 (1999); Med. Physics & Psych. Depts., UW-Madison.
			Roberts, A. D., et al., "Posterboard 1074," Proceedings of the 47th Annual Meeting, 41 (5), J. Nuc. Med., 243 (2000); Soc. of Nuc. Med., Reston, VA.
			Roberts, A.D., et al., "Production of the Short-Lived Flow Tracer Fluorine-17 Fluoromethane From Proton Irradiation of Neon," Posters for Poster Presentation, 47th Annual Meeting of Society of Nuclear Medicine, St. Louis, Missouri, June 3-7, 2000; Dep't. of Med. Phys., UW-Madison.
			Sheppard, W. A., et al., Organic Fluorine Chemistry, pp. 56 and 93 (W. A. Benjamin, Inc., New York, 1969).
EXAMINER			DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.